

California Regional Water Quality Control Board
North Coast Region

Monitoring and Reporting Program No. R1-2007-0006

FOR

ECODYNE CORPORATION
930 Shiloh Road
Windsor, CA

Sonoma County

Monitoring

Semi-Annual Groundwater Sampling

Prior to groundwater sampling the depth to groundwater shall be measured to at least 0.01-foot increments from all monitoring wells. Groundwater samples shall be collected semi-annually (in March and September) and analyzed for total and hexavalent chromium, calcium, sulfate, and pH from the following wells listed below and shown on Attachment A.

<u>Shallow Wells</u>	<u>Intermediate Wells</u>	<u>Deep Wells</u>
LF-1	IW-1	DW-1
LF-2	IW-2	DW-2
LF-3	IW-5	
M-4	IW-8	
M-5	IW-11	
M-8		
M-12		

Collected groundwater samples shall be analyzed by a California State Certified laboratory in accordance using the following U.S. Environmental Protection Agency (EPA) methods and reporting limits:

<u>Constituent</u>	<u>Method</u>	<u>Reporting Limits</u>
Dissolved Total Chromium	EPA 6010	5 ug/l
Dissolved Hexavalent Chromium	EPA 7197	5 ug/l
Calcium	EPA 200.7	1 mg/l
Sulfate	EPA 375.4	1 mg/l
pH	EPA 150.1	NA

Surface Water Monitoring

The Discharger shall monitor storm water runoff at location 1 as shown on Attachment "A". A water sample shall be taken during the first runoff producing rainfall each month and be analyzed for pH, dissolved total chromium and dissolved hexavalent chromium.

Quality Assurance

One external spike, one field blank, and one field duplicate shall be submitted to the analytical laboratory with semi-annual water samples.

Reporting

Monitoring reports shall be submitted to the Regional Water Board semi-annually so that they are received by May 15th and November 15th. Each semi-annual report shall contain the sampling results in summary tables as well as the supporting laboratory data reports and field sampling forms. In addition, groundwater elevation contour maps for the shallow and intermediate zone and chemical concentration maps must also be included in the reports.

Ordered by: _____
Catherine E. Kuhlman
Executive Officer

February 7, 2007